

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	703/17.ccls. and @pd>="20080701"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/02/08 15:55
L2	19	assign\$3 near (sequence adj number) and (training near data)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/02/08 15:59


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select subset training data

[1970

- [2001

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**Scholar** All articles - **Recent articles** Results 1 - 10 of about 22,500 for **select subset training data**.

[CITATION] **The Feature Selection Problem: Traditional Methods and a New Algorithm**

K Kira, LA Rendell - AAAI-92: Proceedings Tenth National Conference on Artificial ..., 1992 - Amer Assn for Artificial

Cited by 426 - Related articles - Web Search - BL Direct

**Feature Subset Selection Using a Genetic Algorithm** - ► [iastate.edu](#) [PDF]

J Yang, V Honavar - IEEE INTELLIGENT SYSTEMS, 1998 - doi.ieee.computersociety.org

... uses a genetic algorithm to **select** such **subsets** ... it can result in overfitting of the **training data**, which leads ... the usefulness of a feature **subset** describing the ...

Cited by 432 - Related articles - Web Search - BL Direct - All 14 versions

**Orthogonal least squares learning algorithm for radial basisfunction networks**

S Chen, CFN Cowan, PM Grant - Neural Networks, IEEE Transactions on, 1991 - [ieeexplore.ieee.org](#)

... can be regarded as a problem of **subset** model se ... played as a forward regression procedure [to] to **select** a suit ... series using an RBF network and the **training** of an ...

Cited by 1611 - Related articles - Web Search - All 6 versions

[PDF] ► **Irrelevant features and the subset selection problem**

GH John, R Kohavi, K Pfleger - Proceedings of the Eleventh International Conference on ..., 1994 - [machinelearning.net](#)

... are relevant to the concept, it would **select** most of them ... Cardie (1993) uses **subset** selection to remove irrelevant ... a decision tree from a **training set**, and ...

Cited by 1026 - Related articles - View as HTML - Web Search - All 17 versions

**Selection of relevant features and examples in machine learning** - ► [tu.ac.th](#) [PDF]

AL Blum, P Langley - Artificial Intelligence, 1997 - Elsevier

... using an evaluation function to **select** the attribute ... They partition the **training data** based on this attribute ... repeat the process on each **subset**, extending the ...

Cited by 874 - Related articles - Web Search - Library Search - All 33 versions

**Feature selection: evaluation, application, and small sample performance** - ► [washington.edu](#)

[PDF]

A Jain, D Zongker - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1997 - [ieeexplore.ieee.org](#)

... follows: given a set of candidate features, **select** a **subset** ... independent test data even if the selected **subset** is optimal for the given **training data** [12 ...

Cited by 734 - Related articles - Web Search - BL Direct - All 18 versions

**Combining labeled and unlabeled data with co-training** - ► [cmu.edu](#) [PDF]

A Blum, T Mitchell - Proceedings of the eleventh annual conference on ..., 1998 - [portal.acm.org](#)

... 'I know' on any example whose label it cannot deduce from its **training data** and the ... Furthermore, for a given set S, if we now **select** a random **subset** of m ...

Cited by 1143 - Related articles - Web Search - All 42 versions

[PDF] ► **Feature Selection for SVMs**

J Weston, S Mukherjee, O Chapelle, M Pontil, T ... - ADVANCES IN NEURAL INFORMATION PROCESSING SYSTEMS, 2001 - [stat.duke.edu](#)

... We would like to **select** a **subset** of features ... as a measure of goodness of a particular


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**Scholar** All articles - **Recent articles** Results 11 - 20 of about 20,500 for select training samples. (0

### Improving a network generalization ability by selecting examples

W Kinzel, P Rujan - Europhysics Letters, 1990 - iop.org

 ... We show that the generalization ability of simple Perceptron-like devices is strongly enhanced by allowing the network itself to **select the training** examples. ...

Cited by 55 - Related articles - Web Search - All 4 versions

### Self-organized fuzzy system generation from training examples - ► ugr.es [PDF]

I Rojas, H Pomares, J Ortega, A Prieto - Fuzzy Systems, IEEE Transactions on, 2000 - ieeexplore.ieee.org

 ... Since using a random number generator to produce 400 **training samples** for the two-variable function **samples** may result in somewhat clustered **samples**, a uniform ...

Cited by 73 - Related articles - Web Search - BL Direct - All 3 versions

### [PDF] ► Prototype and feature selection by sampling and random mutation hill climbing algorithms

DB Skalak - Proceedings of the Eleventh International Conference on ..., 1994 - machinelearning.net

 ... **sample** has the same high- est classification accuracy on the **training set, select** a classification randomly from those given by these best-performing **samples** 1 ...

Cited by 264 - Related articles - View as HTML - Web Search - All 11 versions

### ... in MRI: A Three-Dimensional Multispectral Discriminant Analysis Method with Automated Training ... - ► uiowa.edu [PDF]

G Harris, NC Andreasen, T Cizadlo, JM Bailey, HJ ... - Journal of Computer Assisted Tomography, 1999 - jcat.org

 ... of relatively pure or representative **samples** of GM, WM, and CSF ("training classes"), from which ... Two different methods were used to **select training** classes. ...

Cited by 90 - Related articles - Web Search - BL Direct - All 5 versions

### Extracting Tree-Structured Representations of Trained Networks

MW Craven, JW Shavlik - Advances in Neural Information Processing Systems 8: ..., 1996 - books.google.com

 ... in Table 1, the oracle is used for three different purposes:(i) to determine the class labels for the network's **training examples**;(ii) to **select splits** for ...

Cited by 158 - Related articles - Web Search - BL Direct - All 5 versions

### [PDF] ► On feature selection: learning with exponentially many irrelevant features as training examples

AY Ng - Proceedings of the Fifteenth International Conference on ..., 1998 - machinelearning.net

 ... Irrelevant features as **training examples** { can indeed be achieved ... relies on general characteristics of the **training** ... data to **select** some feature subset, doing ...

Cited by 50 - Related articles - View as HTML - Web Search - Library Search - All 16 versions

### A multilayered neural network controller

D Psaltis, A Sideris, AA Yamamura - Control Systems Magazine, IEEE, 1988 - ieeexplore.ieee.org

 ... d. The goal of the learning proce- dure, therefore, is to **select** the values of ... to uniformly populate the input space of the plant with **training samples** so that ...

Cited by 431 - Related articles - Web Search - All 3 versions

Gene selection for sample classification based on gene expression data: study of sensitivity to


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**Scholar** All articles - **Recent articles** Results 1 - 10 of about 20,000 for **selecting training data**. (0.2

**[CITATION] Identifying mislabeled training data**

CE Brodley, MA Friedl - Journal of Artificial Intelligence Research, 1999

Cited by 117 - Related articles - Web Search

**... Nonexperimental Methods for Estimating the Impact of Social Programs: The Case of Manpower Training - ► ubc.ca [PDF]**

JJ Heckman - NBER Working Paper, 1989 - papers.ssrn.com

 ... for giving us her **data**. ... The recent literature on evaluating manpower training programs demon ... the value of simple specification tests in **selecting** an appropriate ...

Cited by 532 - Related articles - Web Search - Library Search - All 17 versions

**Selecting concise training sets from clean data**

M Plutowski, H White - Neural Networks, IEEE Transactions on, 1993 - ieeexplore.ieee.org

 Page 1. 305 IEEE TRANSACTIONS ON NEURAL NETWORKS, VOL. 4, NO. 2, MARCH 1993 **Selecting Concise Training Sets from Clean Data** Mark Plutowski and Halbert White ...

Cited by 97 - Related articles - Web Search - BL Direct - All 3 versions

**Selecting radial basis function network centers with recursive orthogonal least squares training**

JB Gomm, DL Yu - Neural Networks, IEEE Transactions on, 2000 - ieeexplore.ieee.org

 ... and; vectors obtained from applying clustering algorithms, such as -means clustering, to the network input **training data** [1], [6]. After **selecting** the network ...

Cited by 139 - Related articles - Web Search - BL Direct - All 4 versions

**Information-Based Objective Functions for Active Data Selection - ► toronto.edu [P5]**

DJC MacKay - Neural Computation, 1992 - MIT Press

 ... large amount of **data** has already been gathered, and work on principles for **selecting** a subset of that **data** for efficient **training**; the entire **data** set (inputs ...

Cited by 336 - Related articles - Web Search - All 16 versions

**Combining labeled and unlabeled data with co-training - ► cmu.edu [PDF]**

A Blum, T Mitchell - Proceedings of the eleventh annual conference on ..., 1998 - portal.acm.org

 ... t know' on any example whose label it cannot deduce from its **training data** and the ... Furthermore, for a given set S, if we now **select** a random subset of m of ...

Cited by 1143 - Related articles - Web Search - All 42 versions

**Active Learning with Statistical Models - ► arxiv.org [PDF]**

DA Cohn, Z Ghahramani, MJ Jordan - Arxiv preprint cs.AI/9603104, 1996 - arxiv.org

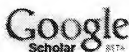
 ... active learning studies the closed-loop phenomenon of a learner **selecting** ac- tions or making queries that influence what **data** are added to its **training** set. ...

Cited by 501 - Related articles - View as HTML - Web Search - Library Search - BL Direct - All 14 versions

**Selecting fuzzy if-then rules for classification problems using genetic algorithms**

H Ishibuchi, K Nozaki, N Yamamoto, H Tanaka - Fuzzy Systems, IEEE Transactions on, 1995 - ieeexplore.ieee.org

 ... Abstract- This paper proposes a genetic-algorithm-based method for **selecting** a small ... The performance of the proposed method for **training data** and test **data** is ...


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[A Statistical Method for 3D Object Detection Applied to Faces and Cars](#) - [► cmu.edu](#) [PDF]

 H Schneiderman, T Kanade - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND ...  
2000 - doi.ieeecomputersociety.org

 ... immediate problems we face is choosing **training** examples for ... important to use non-object **samples** that are ... vec- tor machines work by **selecting samples** near the ...

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[Nonexperimental Methods for Estimating the Impact of Social Programs: The Case of Manpower Training](#) - [► ubc.ca](#) [PDF]

JJ HECKMAN - NBER Working Paper, 1989 - papers.ssrn.com

 ... on the actual process used to **select** individuals ... and Maynard obtain both pre- and post-**training data** on earnings ... cells consisting of 7 to 10 **sample** members from ...

Cited by 532 - Related articles - Web Search - Library Search - All 17 versions

[Selecting radial basis function network centers with recursiveorthogonal least squares training](#)

JB Gomm, DL Yu - Neural Networks, IEEE Transactions on, 2000 - ieeexplore.ieee.org

 ... **data** set and the last 900 **samples** formed a ... The **training data** was normalized to have zero mean and ... GOMM AND YU: **SELECTING RADIAL BASIS FUNCTION NETWORK CENTERS** ...

Cited by 139 - Related articles - Web Search - BL Direct - All 4 versions

[... machine classification and validation of cancer tissue samples using microarray expression data](#) - [► columbia.edu](#) [PDF] - Free from Publisher

TS Furey, N Cristianini, N Duffy, DW Bednarski, M ... - Bioinformatics, 2000 - Oxford Univ Press

 ... Complete SVM method The complete SVM method can be described as follows: we begin by choosing a kernel, starting ... The **sample** not used in **training** is then ...

Cited by 856 - Related articles - Web Search - BL Direct - All 26 versions

[Selecting concise training sets from clean data](#)

M Plutowski, H White - Neural Networks, IEEE Transactions on, 1993 - ieeexplore.ieee.org

 ... A criterion for **selecting training** examples should work well in ... in which we learn from clean **data**,  $y^*$  is ... Therefore, for any  $x$  the **training sample** becomes  $z^n = ...$ 

Cited by 97 - Related articles - Web Search - BL Direct - All 3 versions

[\[PS\] ► Pattern classification and scene analysis](#)

RO Duda, PE Hart, DG Stork - 1973 - ica.luz.ve

 ... 4.3.7 Choosing the window function : : : : 15 ... If we  $x$  the volume  $V$  and take more and more **training samples**, the ratio  $k=n$  will ...

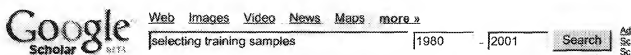
Cited by 10837 - Related articles - View as HTML - Web Search - Library Search - All 6 versions

[Gene selection for sample classification based on gene expression data: study of sensitivity to](#)

... - Free from Publisher

L Li, CR Weinberg, TA Darden, LG Pedersen - Bioinformatics, 2001 - Oxford Univ Press

 ... **training'** set is used to **select** a subset of genes. The patterns of gene selection using the three '**training'** sets **sampled** from the same **data** are then ...



**Scholar** All articles - **Recent articles** Results 1 - 10 of about 20,200 for **selecting training samples**.

**A sequential algorithm for training text classifiers** - ► [citebase.org](#) [PDF]

DD Lewis, WA Gale - Proceedings of the 17th annual international ACM SIGIR ..., 1994 - portal.acm.org  
... may be appropriate if scoring and **selecting** examples is expensive. ... certainly be produced even when the classifier was formed from very few **training** examples. ...  
Cited by 526 - Related articles - Web Search - All 16 versions

**A Statistical Method for 3D Object Detection Applied to Faces and Cars** - ► [cmu.edu](#) [PDF]

H Schneiderman, T Kanade - IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND ..., 2000 - doi.ieee-computersociety.org  
... In gathering statistics, one of the immediate problems we face is choosing **training** examples for the class "non-object." Conceptually, this class ...  
Cited by 516 - Related articles - Web Search - BL Direct - All 29 versions

**Comparison of algorithms that select features for pattern classifiers** - ► [etsmtl.ca](#) [PDF]

M Kudo, J Sklansky - Pattern Recognition, 2000 - Elsevier  
... of **training samples**. In such a case, removing the garbage features can improve the classification accuracy. The choice of an algorithm for **selecting** features ...  
Cited by 267 - Related articles - Web Search - BL Direct - All 4 versions

**Selecting radial basis function network centers with recursive orthogonal least squares training**

JB Gomm, DL Yu - Neural Networks, IEEE Transactions on, 2000 - ieeexplore.ieee.org  
... numerical properties of the orthogonalization techniques used, both will **select** the same ... centers is much smaller than the number of **training** examples, eg, cen ...  
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**... Nonexperimental Methods for Estimating the Impact of Social Programs: The Case of Manpower Training** - ► [ubc.ca](#) [PDF]

JJ HECKMAN - NBER Working Paper, 1989 - papers.ssrn.com  
... on the actual process used to **select** individuals. ... all yield consistent estimators of the **training** effect when applied to choice-based **samples** because they ...  
Cited by 532 - Related articles - Web Search - Library Search - All 17 versions

**Active Learning with Statistical Models** - ► [arxiv.org](#) [PDF]

DA Cohn, Z Ghahramani, MI Jordan - Arxiv preprint cs.AI/9603104, 1996 - arxiv.org  
... phenomenon of a learner **selecting** ac- tions or making queries that influence what data are added to its **training** set. Examples include **selecting** joint angles or ...  
Cited by 502 - Related articles - View as HTML - Web Search - Library Search - BL Direct - All 14 versions

**Using mutual information for selecting features in supervised neural net learning** - ► [machinelearning.net](#) [PDF]

R Battiti - Neural Networks, IEEE Transactions on, 1994 - ieeexplore.ieee.org  
... **SELECTING** FEATURES WITH THE MUTUAL INFORMATION in the development of a classifier one ... s assume that we have a number N of examples in the **training** set and ...  
Cited by 423 - Related articles - Web Search - Library Search - BL Direct - All 8 versions

[CITATION] The distance weighted K-nearest neighbor rule